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November 22, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Applicant: Yunteng Huang, Ligang Zhang and Axel Thomsen  
Title: DUAL PHASE-LOCKED LOOP STRUCTURE HAVING CONFIGURABLE  
INTERMEDIATE FREQUENCY AND REDUCED SUSCEPTIBILITY TO  
INTERFERENCE  
Application No.: 10/676,626 Filed: October 1, 2003  
Atty. Docket No.: 026-0030 Client Ref. No.:

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

Response to Restriction Requirement, Including Amendment to the Claims (7 page(s))  
  
 Petition for Extension of Time (      month) (      page(s))  
 Information Disclosure Statement (      page(s)), including PTO Form 1449  
(      page(s)), and copies of reference(s)  
  
  
  
 Other: (      page(s))  
  
  
 Other: (      page(s))  
 Transmittal Letter (2 pages);  
 Return postcard;

The Total Fee has been calculated as shown below:

	Pending Claims	Claims Previously Paid	Extra Claims	Fees
Total Claims	31	- 42 =	0 x \$18.00 =	0.00
Independent Claims	2	- 4 =	0 x \$88.00 =	0.00
Multiple Dependent Claims (if any) - \$300.00 fee				
Additional Claims Fee				\$ .00
Fee For Extension Of Time				
Other Fees: ( )				
TOTAL FEE DUE:				\$ .00

Applicant is, or has established status as, a small entity.  
 A check is enclosed for the Total Fee shown above.  
 Please charge the Total Fee shown above to Deposit Account 50-0631.  
 The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

Commissioner for Patents

November 22, 2004

RE: 10/676,626

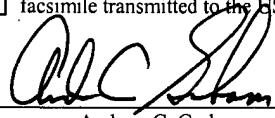
Page 2 of 2

**CERTIFICATE OF MAILING OR TRANSMISSION**

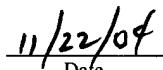
I hereby certify that, on the date shown below, this correspondence is being

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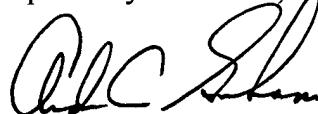


Andrew C. Graham



Date

Respectfully submitted,



Andrew C. Graham, Reg. No. 36,531

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EXPRESS MAIL LABEL: \_\_\_\_\_



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yunteng Huang, Ligang Zhang & Axel Thomsen

Title: DUAL PHASED-LOCKED LOOP STRUCTURE HAVING  
CONFIGURABLE INTERMEDIATE FREQUENCY AND REDUCED  
SUSCEPTIBILITY TO INTERFERENCE

Application No.: 10/676,626 Filed: October 1, 2003

Examiner: Minh Nguyen Group Art Unit: 2816

Atty. Docket No.: 026-0030 Confirmation No.: 7841

November 22, 2004

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**RESPONSE TO RESTRICTION REQUIREMENT,  
INCLUDING AMENDMENTS TO THE CLAIMS**

This paper is responsive to the Office Action mailed on November 3, 2004, having a shortened statutory period for response set to expire December 3, 2004. In light of the Election, Amendments and Remarks herein, examination on the merits is requested.

Amendments to the claims begin on page 2.

An *Election* in response to the restriction requirement, as well as other remarks, begins on page 7.